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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/710,496	07/15/2004	Gary Denyer	81101479 / FMC 1768 PUS	4495
28395	7590 03/30/2006		EXAMINER	
BROOKS KUSHMAN P.C./FGTL 1000 TOWN CENTER			DEVORE, PETER T	
22ND FLOOR			ART UNIT	PAPER NUMBER
SOUTHFIELD, MI 48075-1238		3751 •		

DATE MAILED: 03/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
	10/710,496	DENYER ET AL.			
Office Action Summary	Examiner	Art Unit			
	Peter T. deVore	3751			
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION (36(a). In no event, however, may a reply be tinwill apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This 3) Since this application is in condition for allowated in accordance with the practice under the process.	s action is non-final. nce except for formal matters, pro				
Disposition of Claims					
4) ⊠ Claim(s) 1-10 is/are pending in the application 4a) Of the above claim(s) is/are withdra 5) ⊠ Claim(s) 7-10 is/are allowed. 6) ⊠ Claim(s) 1-6 is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/o	wn from consideration.				
Application Papers					
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) accomposed and accomposed accomposed and accomposed accomposed and accomposed ac	cepted or b) objected to by the drawing(s) be held in abeyance. Section is required if the drawing(s) is ob	e 37 CFR 1.85(a). pjected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 					
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date 7/23/04.	4) Interview Summar Paper No(s)/Mail [6] 5) Notice of Informal 6) Other:	y (PTO-413) Date Patent Application (PTO-152)			

Application/Control Number: 10/710,496

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DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "the control valve assembly" in line 10. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Sato.

The Sato reference discloses a method for stabilizing operating characteristics of a solenoid operated fluid control valve system 24 in a control valve circuit 25, the control valve system comprising a solenoid actuator having a stator coil 56, an adjustable armature 58 responsive to electromagnetic forces and an opposing spring force 57, and a fluid pressure regulator valve element 59, the method comprising applying a base

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actuating current by the control valve circuit/assembly (see col. 4, line 16), establishing an electrical dither frequency for the base current to effect compliance of the control valve assembly as a function of electrical dither frequency as fluid pressure is controlled in response to a pressure command (see col. 5, lines 24-36), and changing the electrical dither frequency at regulated pressure values within a precalibrated range of regulated pressure values whereby instability of the valve assembly is avoided (see col. 4, line 23-col. 5, line 36 and note that when the pump speed and oil temperature are constant, dither frequency is based solely on discharge pressure).

Allowable Subject Matter

Claims 7-10 are allowed.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Erickson reference discloses a similar solenoid operated pressure control valve system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter T. deVore whose telephone number is (571) 272-4884. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Justine Yu can be reached on (571) 272-4835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pd PJ

Petro Jonla